TABLE 6

INSTANTANEOUS CALORIFIC INTENSITY OF BLAST FURNACE GAS WITH VARIOUS AIR SUPPLIES AND SHOWING THE EFFECT OF PREHEAT OF BOTH THE AIR AND THE GAS (APPROXIMATE). (READ FROM CURVE, FIG. 181.)

Temperature of Preheat		Air Supply in Per Cent of Theoretical Requirements			
Gas	Air	100%	120%	140%	180%
0°	0°	1330°	1240°	1175°	1050°
0°	200°	1380°	1310°	1250°	1140°
200°	0°	1425°	1330°	1250°	1170°
200°	200°	1475°	1390°	1325°	1210°
0°	400°	1440°	1370°	1310°	1225°
400°	0°	1500°	1410°	1330°	1200°
400°	400°	1610°	1530°	1470°	1350°
0°	600°	1490[C]	1435°	1390°	1300°
600°	0°	1590°	1500°	1420°	1280°
600°	600°	1740°	1675°	1625°	1525°
0°	800°	1550°	1500°	1460°	1390°
800°	0°	1675°	1580°	1490°	1340°
800°	800°	1880°	1825°	1730°	1650°